

**Notice of Allowability**

Application No.

10/801,736

Examiner

Joshua D. Campbell

Applicant(s)

BERSTIS, VIKTORS

Art Unit

2178

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 5/1/2007.
2. ☒ The allowed claim(s) is/are 15, 16, 18-25, 40, 41, 43-50, 55, 56 and 58-65.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                                |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance                        |
|  | 9. <input type="checkbox"/> Other _____  |

### EXAMINER'S AMENDMENT

1. This action is responsive to communications: Amendment filed on 5/1/2007.
2. Claims 15, 16, 18-25, 40, 41, 43-50, 55, 56, and 58-65 are pending in this case. Claims 1, 40, and 55 are independent claims. Claims 66-68 have been cancelled via this examiner's amendment.
3. The rejection of claims 15, 16, 18-25, 40, 41, 43-50, 55, 56, and 58-65 are rejected under 35 U.S.C. 102(e) as being anticipated by Nielsen (US Patent Number 5,875,443, issued on February 23, 1999) has been withdrawn due to amendments.

### ***Abstract***

4. Abstract of the Disclosure: See MPEP § 608.01(f). A brief narrative of the disclosure as a whole in a single paragraph of **150 words or less** commencing on a separate sheet following the claims. In an international application which has entered the national stage (37 CFR 1.491(b)), the applicant need not submit an abstract commencing on a separate sheet if an abstract was published with the international application under PCT Article 21. The abstract that appears on the cover page of the pamphlet published by the International Bureau (IB) of the World Intellectual Property Organization (WIPO) is the abstract that will be used by the USPTO. See MPEP § 1893.03(e). In order to make the abstract proper, it has been amended as shown below.

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gerald Glanzman on June 20, 2007.

The application has been amended as follows:

Specification:

Please replace the Abstract with the following:

A master dictionary or glossary is updated at a server, and the update to the master dictionary or glossary is served to the application on the client to update a local copy of the dictionary or glossary. A datastream may also be processed by automatically scanning a datastream and automatically detecting, in the datastream, a word that cannot be matched to a word in a dictionary or glossary. The unmatched word is identified as an acronym, and in response, data associated with the acronym, selected from a hierarchical set of glossaries, is inserted into the datastream in close proximity to the acronym. In another aspect of processing a datastream, in response to an indication that the unmatched word is a properly spelled new term, a dictionary or glossary may be updated with the new term.

Please replace the paragraph in the section titled "Cross-Reference To Related Applications" on page 1 with the following paragraph:

The present invention is related to application entitled "METHOD AND APPARATUS FOR ACRONYM CHECKER AND AUTODEFINER", Ser. No. 09/306,192, assigned to the same assignee, and incorporated herein by reference.

Claims:

15. (Currently Amended by the examiner) A method for updating a plurality of dictionaries or glossaries stored within a data processing system, wherein the data processing system includes an organizational database comprising information regarding a structure of an organization, wherein each dictionary or glossary of the plurality of dictionaries or glossaries is a member of a hierarchically ordered set of dictionaries or glossaries, and wherein each dictionary or glossary in the hierarchical set of dictionaries or glossaries is associated with a respective organizational unit within the structure of the organization, wherein the structure of the organization comprises an organization level, a department level and a user level, and wherein the hierarchically ordered set of dictionaries or glossaries reflects the organization level, the department level and the user level of the organization in which the dictionaries or glossaries are used, the method comprising the computer-implemented steps of:

automatically scanning a datastream;

automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary of the plurality of dictionaries or glossaries; and

responsive to an indication that the unmatched word is a properly spelled new term, determining, with reference to the organizational database, a list of organizational units which utilize the new term, and a list of associated dictionaries and/or glossaries in the hierarchically ordered set of dictionaries or glossaries to be updated with the new term.

40. (Currently Amended by the examiner) A data processing system for updating a plurality of dictionaries or glossaries, the data processing system comprising:

an organizational database comprising information regarding a structure of an organization in which the dictionaries or glossaries are used, wherein each dictionary or glossary of the plurality of dictionaries or glossaries is a member of a hierarchically ordered set of dictionaries or glossaries, and wherein each dictionary or glossary in the hierarchical set of dictionaries or glossaries is associated with a respective organizational unit within the structure of the organization, wherein the structure of the organization comprises an organization level, a department level and a user level, and wherein the hierarchically ordered set of dictionaries or glossaries reflects the organization level, the department level and the user level of the organization in which the dictionaries or glossaries are used:

scanning means for automatically scanning a datastream;

detecting means for automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary of the plurality of dictionaries or glossaries;

and first determining means for determining, in response to an indication that the unmatched word is a properly spelled new term, and with reference to the organizational database, a list of organizational units which utilize the new term, and a list of associated dictionaries and/or glossaries in the hierarchically ordered set of dictionaries or glossaries to be updated with the new term.

55. (Currently Amended by the examiner) A computer program product stored in a computer recordable-type-readable medium for use in a data processing system for updating a plurality of dictionaries or glossaries stored within the data processing system, wherein the data processing system includes an organizational database comprising information regarding a structure of an organization, wherein each dictionary or glossary of the plurality of dictionaries or glossaries is a member of a hierarchically ordered set of dictionaries or glossaries, and wherein each dictionary or glossary in the hierarchical set of dictionaries or glossaries is associated with a respective organizational unit within the structure of the organization, wherein the structure of the organization comprises an organization level, a department level and a user level, and wherein the hierarchically ordered set of dictionaries or glossaries reflects the organization level, the department level and the user level of the organization in which the dictionaries or glossaries are used, the computer program product comprising:

first instructions for automatically scanning a datastream;

second instructions for automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary of the plurality of dictionaries or glossaries; and

third instructions for determining, responsive to an indication that the unmatched word is a properly spelled new term, and with reference to the organizational database, a list of organizational units which utilize the new term, and a list of associated dictionaries and/or glossaries in the hierarchically ordered set of dictionaries or glossaries to be updated with the new term.

66-68. (Canceled by the examiner)

In general, the Examiner Amendments made to the first two lines of claim 55 have been made as a good faith effort to overcome apparent 35 U.S.C. 101 non-statutory issues.

The first two lines have been rephrased to state, "A computer program product stored in a computer recordable-type medium," instead of "A computer program product in a computer-readable medium." Prior to this amendment, the claimed invention was directed to non-statutory subject matter. These claims are non-statutory for at least the reason that they are not tangibly embodied in a manner so as to be executable (i.e. stored on a computer readable storage medium which does not include a carrier wave or other form of transmission medium) due to the definition provided in the specification for computer readable media (page 30, lines 7-10 of applicant's specification). The amendment provided a tangible embodiment which is enabled by the definitions in the specification.

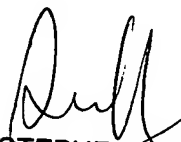
***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua D. Campbell whose telephone number is (571) 272-4133. The examiner can normally be reached on M-F (7:30 AM - 4:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JDC  
June 20, 2007

  
STEPHEN HONG  
PRIMARY PATENT EXAMINER